

**Appendix Table. Direct pump- and procedures associated costs of CIPII and CSII**

<b>CIPII</b>	<b>Unit costs (€)</b>	<b>Units per procedure (n)</b>	<b>Total costs* (€)</b>
<b>Implantation procedure (/7 yrs)</b>			
Pump	20,000	1	20,000
Insulin (10 ml/vial)	400	4	1,600
Diluent (vial)	12	1	12
Other materials			210
Hospital stay (day)	200	2	400
Staff expenses (including O.R., excluding overhead)			1,100
<i>Subtotal</i>			€ 23,322
<b>Refill procedure (4.68 times per yr)</b>			
Insulin (vial)	400	2	800
Diluent (vial)	12	1	12
Other materials			60
Staff expenses			150
<i>Subtotal</i>			€ 1,022
<b>Rinse procedure† (1.33 times / yr)</b>			
Insulin (vial)	400	4	1,600
Diluent (vial)	12	1	12
Other materials			330
Staff expenses			160
<i>Subtotal</i>			€ 2,102
Implantation procedure costs year 1			23,322
Refill procedure costs per year		4.68 times	1,022
Rinse procedure costs per year		1.33 times	2,102
Total costs year 1:			€ 30,901
Annual costs year 2 - 7:			€ 7,579
<b>Average annual costs CIPII:</b>			<b>€ 10,910</b>
<b>CSII</b>			
Pump	€ 3,535		€ 3,747
Insulin‡	€ 6.33	61	€ 435
Infusion set	€ 19.97	146	€ 3,091
Reservoir	€ 4.60	61	€ 297
Other materials			€ 50
Total costs year 1:			€ 7,620
Annual costs year 2 - 4:			€ 3,873
<b>Average annual costs CSII:</b>			<b>€ 4,810</b>

\* including VAT. † Buffer and/or NaOH alkaline solution (0.1M) is flushed through the pump or separately through the catheter, using the side port to remove obstruction by insulin aggregation. ‡ including pharmacists fee. CIPII = continuous intraperitoneal insulin infusion; CSII = continuous subcutaneous insulin infusion.

**Legend Figure Appendix:** Flowchart. IP = intraperitoneal; SC = subcutaneous

**Figure 1: CONSORT Consolidated Standards of Reporting Trials) flowchart**

